

CORRESPONDENCE/MEMORANDUM

DATE: September 26, 2000

FILE REF: AMAA-47

TO: File

FROM: Jeff Myers – AM/7

SUBJECT: **NR 445 Table 3: Carcinogens Changes/Additions as a Result of the Publication of the National Toxicology Program's 9th Report on Carcinogens and IARC Publications**

CARCINOGENS PROPOSED TO BE ADDED IN NR 445 RULE REVISIONS

Additions to Table 3A: Known Carcinogenic Chemical Listings to be added to NR 445 as a result of the newly listed chemicals/substances from the NTP 9th Report on Carcinogens and IARC Publications.

Contaminant	CAS #	NTP	IARC	<25 ft Threshold Pounds Per Year	25 ft –75 ft Threshold Pounds Per Year	>= 75 ft Threshold Pounds Per Year	Sources/Uses
Cadmium and Cadmium compounds ^A	7440-43-9	K	1	1.0	4.1	34	Batteries; Plating/Coating; Metallurgy; Paints,;Plastics
Ethylene Oxide ^A	75-21-8	K	1	20	83	696	Chemical Intermediate; Sterilant; Motor Vehicle Exhaust
Silica, Crystalline (respirable size)	14808-60-7	K	1	To Be Reviewed With DNR Silica Study Group			Naturally occurring mineral (sand, gravel, quartz); Quarries; foundries; glass manufacture; road construction
Strong Inorganic Acid Mists Containing Sulfuric Acid (>35 % by weight)	7664-93-9	K	1	10	10	10	Industrial Chemical; fertilizer manufacture
Tamoxifen	10540-29-1	K	1	10	10	10	Pharmaceutical

^A Currently listed on NR 445 Table 3B.

Additions to Table 3B: Reasonably Anticipated Carcinogenic Chemical Listings to be added to NR 445 as a result of the newly listed chemicals/substances from the NTP 9th Report on Carcinogens and IARC Publications.

Contaminant	CAS #	NTP	IARC	<25 ft Threshold Pounds Per Year	25 ft –75 ft Threshold Pounds Per Year	>= 75 ft Threshold Pounds Per Year	Sources/Uses
Chloroprene	126-99-8	R	2B	10	10	10	Synthetic Rubber
Diesel Exhaust Particulates	-	R	2A	6	24	204	Diesel Combustion (Boilers, Engines, etc.)
Glycidol	556-52-5	R	2A	10	10	10	Chemical Intermediate
Isoprene	78-79-5	R	2B	10	10	10	Chemical Intermediate; Combustion Sources; Biogenic Sources: plants, animals
Phenolphthalein	77-09-8	R	2B	10	10	10	Acid/Base Indicator; Laxative
Tetrafluoroethylene	116-14-3	R	2B	10	10	10	Polytetrafluorethylene and other polymers
Trichloroethylene	79-01-6	R	2A	888	3,650	30,629	Solvent; Degreaser; Chemical Intermediate;

Carcinogenic Chemicals to be Delisted From Table 3: Chemicals currently on NR 445 Table 3 (or proposed lists) that are (as of 9/2000) not listed as carcinogens by both NTP and IARC. (Bold indicated newly listed chemicals/substances from the 9th Report on Carcinogens. Non bold indicates changes based on the 8th and prior versions of the Report on Carcinogens)

Contaminant	CAS #	NTP	IARC	Reason for Delisting
2-Aminoanthraquinone	117-79-3	R	3	IARC re-evaluated, now equivocal
Di (2-ethylhexyl) phthalate	117-81-7	R	3	IARC re-evaluated, now equivocal
Ethyl Acrylate	140-88-5	-	2B	NTP Re-evaluated, now equivocal
Hydrazobenzene	122-66-7	R	-	IARC not listed
Methyl iodide	74-88-4	-	3	NTP Re-evaluated, now equivocal
Nitrosodiphenylamine, p-	156-10-5	-	3	NTP Insufficient evidence for listing
Oxymetholone	434-07-1	R	-	IARC not listed
Reserpine	50-55-5	R	3	IARC re-evaluated, now equivocal
Saccharin	81-07-2 (128-44-9)	-	3	NTP Re-evaluated, now equivocal